A2500-2

Paper Paperboard & Wood Pulp

MONTHLY STATISTICAL SUMMARY - Vol. 63 - No. 5 MAY, 1985

PAPER AND PAPERBOARD PRODUCTION -- JANUARY-APRIL 1985

Production of paper in April 1985 continued to follow the declining trend evident since February. The trend position in April (average of the March-April seasonally adjusted rates) was 33.4 million tons per year, 4.7% below the February trend rate. The January-April 1985 total, however, was only 1.3% below the comparable 1984 rate and, if the extra leap-year day in the 1984 period is taken into account, it falls only 0.5% below the 1984 rate.

Paperboard production, however, fell off sharply in April as many kraft linerboard mills shut down to bring their inventories more closely in line with output. The trend level of production in April was at the rate of 31.7 million tons per year, 8.5% below the peak rate of 34.7 million tons per year reached in January. The January-April 1985 total was 3.7% below that of the first four months of 1984.

Total paper and paperboard has been in a downtrend since January. The April trend position was 65.1 million tons per year, 5.4% below the January rate. Total production for the January-April 1985 period average 67.0 million tons per year (seasonally adjusted), 1.7% below the comparable 1984 rate.

Weekly data for May indicate that the trends of both paper and paperboard production are bottoming out. Both paper and paperboard production moved above their respective lows reached in mid-April, although the recovery in paperboard was rather modest.

Paper: Within the paper sector, the major strengths continued in the printing-writing paper grades. Shipments of both coated papers and uncoated free sheet papers -- the two largest in this group -- showed gains over their year-ago levels, as did shipments of thin papers. These increases were large enough to offset declines in the other printing-writing

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paper grades, and the total showed a 0.8% increase over its year-ago total even before adjusting for the extra day in 1984. New orders for uncoated free sheet paper have been above shipments for several months, but new orders of coated paper have been below shipments.

The trends in the printing-writing papers were consistent with those evident in the printing and publishing industry. The Federal Reserve Board index of total printing and publishing production showed gains over its year-ago rate in the first three months of 1984. The preliminary estimate for April 1985 was 1.2% above the April 1984 level (seasonally adjusted), but 0.6% below that of March 1985. First quarter 1985 data on shipments of white papers to their major markets show gains over year-ago levels for magazines, other periodicals, commercial printing and office reprographics.

Tissue paper production also held up well in the first four months of 1985, posting a small gain over its year-ago level, but packaging papers and industrial grades were off sharply. Both the kraft paper and the "other paper" categories showed 10% declines from their year-earlier totals.

Technical note: The 1984 data for the printing and writing paper grades have been revised on the basis of the Printing-Writing Paper Division's annual review of its statistics. The new 1984 total is 84,000 tons higher than previously indicated, reflecting 22,000 tons of coated papers and 59,000 tons of uncoated free sheet papers, with minor adjustments in the other grades. This brought total paper production in 1984 to 34,506,000 tons, 5.1% above the 1983 level.

Paperboard: The April decline in paperboard production, as noted earlier, was largest in unbleached kraft paperboard. The April 1985 total was 10% below that of April 1984, bringing the four months 1985 total 3.9% below the total for the first four months of 1984. Although April production for domestic use was far below its year-ago level, total production of kraft linerboard for domestic use in the first four months of 1985 was only 0.7% below its corresponding year ago level. Shipments of corrugated boxes in April moved above their year-ago level, bringing the four months total to a rate of 262 billion square feet per year, 2.3% below its year-ago rate. Total production of containerboard for domestic use (this includes recycled

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PAPER AND PAPERBOARD STATISTICS

PRODUCTION, SHIPMENTS AND ORDERS
(Thousands of Short Tons)

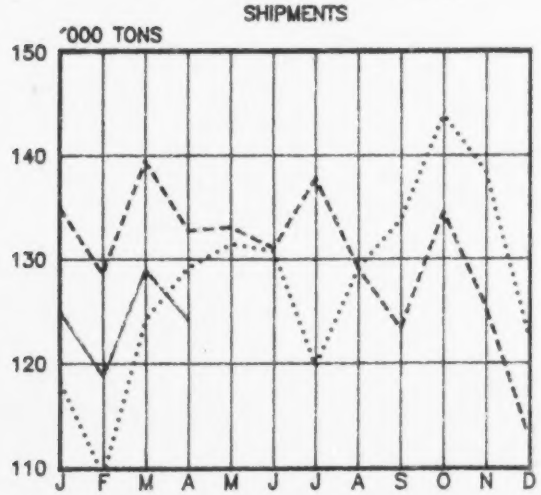
	YEAR 1983	YEAR 1984	JAN. 1985	FEB. 1985	MAR. 1985	APR. 1985	Annual Rate Y-T-D 1985	% Change From same Period Last Year
PAPER								
Newsprint - Production	5167	5539	469	447	489	427	5493	-1.3
- Shipments	5153	5584	457	446	477	450	5487	-3.5
Printing & Writing sum	17387	18490	1601	1485	1628	1557	18811	0.8
Groundwood Paper - Shipments	1531	1563	125	119	129	124	1491	-7.2
- New Orders	1581	1598	138	101	118	114	1413	-16.8
-Unfilled Orders	145	164	161	140	132	115	115	-26.8
Coated Papers - Shipments	5696	6249	563	499	540	502	6312	1.7
- New Orders	5864	6292	555	455	472	491	5920	-6.0
- Unfilled Orders	513	586	561	520	459	456	456	-16.4
Unctd Free Sheet - Shipments	8767	9207	794	751	830	813	9564	2.2
- New Orders	9076	8938	777	763	865	829	9704	7.0
- Unfilled Orders	687	430	413	425	457	478	478	-24.3
Thin Papers - Shipments	131	144	12	11	13	11	138	-7.5
Cotton Fiber Paper - Shipments	131	144	12	11	13	11	138	-7.5
Bleached Bristols - Production	934	989	78	77	83	77	948	-4.3
Tissue Paper - Production	4789	4921	416	392	430	399	4911	1.2
Total Packaging & Other Paper	5497	5557	456	433	455	406	5253	-10.2
Unbl. Kraft Paper - Shipments	3666	3667	302	293	296	258	3448	-10.1
Other Paper - Production	1832	1889	154	140	160	148	1805	-10.5
TOTAL PAPER-Production-Unadj. *	32840	34506	2942	2758	3001	2788	34468	-1.3
-Production-S.A. *			2956	2878	2791	2771	34185	-0.5
PAPERBOARD - PRODUCTION								
Solid Wood Pulp Furnish	24779	26403	2152	2002	2278	2037	25404	-3.7
Unbl. Kraft Linerboard (1)	15001	16037	1316	1193	1386	1194	15271	-4.4
Production for Export	2281	2086	110	130	129	142	1531	-28.2
Other Unbl. Kraft Paperboard	1121	1149	90	90	114	90	1152	1.8
Semichemical Paperboard	4731	5169	417	400	429	411	4973	-3.7
Production for Export	193	149	9	19	11	14	156	3.5
Solid Bleached Paperboard	3926	4048	328	318	348	342	4008	-2.3
Production for Export	515	478	41	29	40	43	460	-11.3
Recycled Paperboard	7398	7637	686	613	623	637	7677	-4.1
Production for Export	24	17	2	2	2	1	18	51.5
TOTAL PAPERBOARD-Prod.-Unadj. *	32177	34039	2837	2615	2908	2674	33102	-3.7
- Containerboard Prod.(Dom. Use)	19173	20993	1776	1591	1862	1603	20498	-1.6
- Boxboard Prod.(Dom. Use) (2)	5551	5783	503	484	471	492	5851	-0.7
- All Other P'bd Prod.(D.U.) (2)	4441	4531	397	361	393	379	4588	-5.1
- Total Paperbd Prod. for Export	3012	2731	161	179	182	200	2165	-23.0
TOTAL PAPERBOARD PROD.- S.A. *			2861	2764	2715	2565	32718	-3.0
TOTAL PAPER AND PAPERBOARD								
Production - actual *	65017	68545	5779	5373	5909	5462	67570	-2.5
Production - S.A. *			5817	5642	5506	5336	66904	-1.7

(1)Includes all exports of kraft paperboard.
(2)Data for unbl. kraft folding boxboard incl. in All Other P'bd.
* NOTE: Year 1984 contains one more day than year 1983.

P Preliminary
R Revised
S.A. Seasonally Adjusted

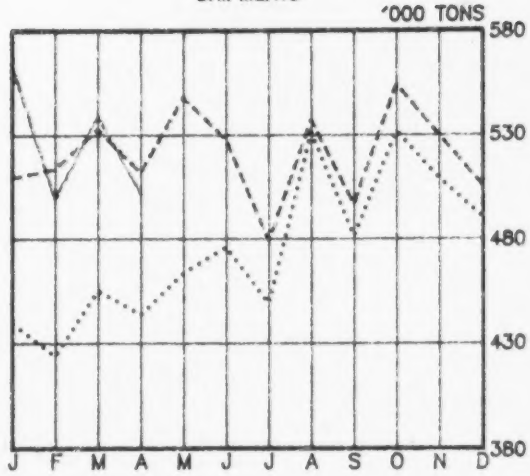
GROUNDWOOD PAPER, UNCOATED

SHIPMENTS



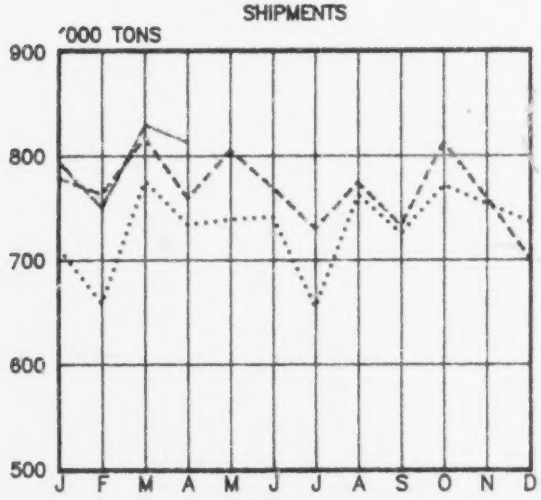
COATED PAPER

SHIPMENTS



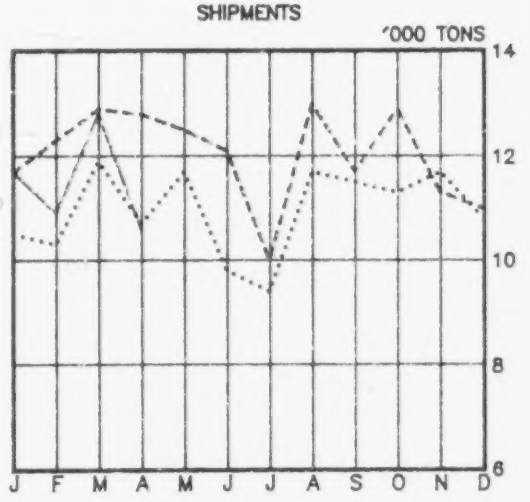
UNCOATED FREE SHEET PAPERS

SHIPMENTS



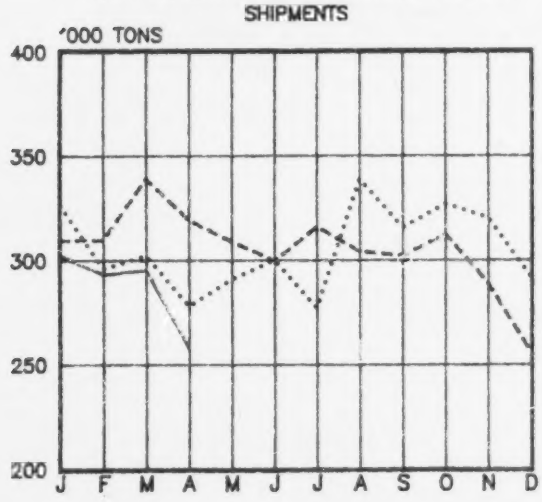
COTTON FIBER PAPER

SHIPMENTS



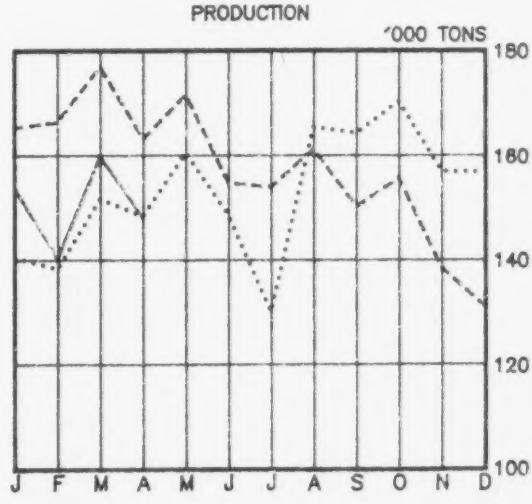
UNBLEACHED KRAFT PACKAGING AND INDUSTRIAL CONVERTING PAPER

SHIPMENTS



OTHER PAPER

PRODUCTION



1983 ····· 1984 - - - - -1985 ——

WOOD PULP STATISTICS
(Thousands of Tons)

	YEAR 1983	YEAR 1984	DEC 1984	JAN 1985	FEB 1985	MAR 1985	Annual Rate Y-T-D 1985	% Change from same Period Last Year
TOTAL WOOD PULP					R	P		
Total Wood Pulp - Production	52537	55549	4340	4595	4376	4819	55159	-0.6
- Imports	4093	4490	416	313	380	460	4612	5.0
- Exports	3644	3594	311	301	223	399	3688	-3.0
- New Supply	52986	56445	4444	4607	4533	4880	56083	.0
Dissolving Pulp - Production	1261	1206	87	86	118	118	1288	4.2
- Imports	192	161	18	6	22	21	196	4.2
- Exports	647	595	65	53	39	89	726	10.5
- New Supply	806	772	40	39	101	50	758	-1.1
Paper Grades - Production	42358	44709	3476	3716	3502	3868	44344	-0.6
Chemical Pulp - Imports	3706	4023	361	300	333	416	4195	6.6
- Exports	2958	2945	242	245	179	306	2919	-6.2
- New Supply	43106	45787	3595	3770	3656	3979	45621	0.4
Groundwood and - Production	5067	5534	447	452	432	484	5467	-1.1
Thermo-Mech. - Imports	195	306	37	7	26	23	221	-17.8
- Exports	40	54	4	2	5	4	43	29.4
- New Supply	5222	5786	480	457	452	502	5645	-2.1
Semi-Chemical - Production	3851	4100	330	341	325	349	4059	-2.0
- Imports								
- Exports			- - - - -	Included in Groundwood Pulp			- - - - -	
- New Supply	3851	4100	330	341	325	349	4059	-2.0
MARKET WOOD PULP								
Total Market - Production	6478	6891	548	579	588	610	7108	5.0
Wood Pulp - Imports	2945	3256	311	252	232	263	2986	-5.3
- Exports	3421	3511	319	223	301	364	3551	-3.8
- New Supply	6002	6635	540	608	519	508	6543	5.1
Dissolving Pulp - Production	1260	1197	86	86	118	118	1288	4.4
- Imports	210	204	20	10	21	22	211	-2.8
- Exports	698	690	69	27	64	75	666	-8.4
- New Supply	772	710	38	69	75	64	833	15.1
Paper Grades - Production	5206	5680	461	492	469	491	5806	5.1
Chemical Pulp - Imports	2698	2952	272	238	209	238	2737	-4.6
- Exports	2723	2821	250	196	237	289	2885	-2.7
- New Supply	5181	5812	482	534	441	439	5658	4.3
Groundwood Pulp - Production	12	13	1	1	1	1	14	20.0
and All Other - Imports	38	100	19	4	2	3	37	-42.7
- Exports	0	0	0	0	0	0	0	0.0
- New Supply	49	113	20	5	3	5	52	-32.5

SOURCES: Total Wood Pulp Production & Market Wood Pulp Production, Imports & Exports - Pulp Division, Pulp, Materials and Technology Group, API. Total Wood Pulp Imports & Exports - Department of Commerce.

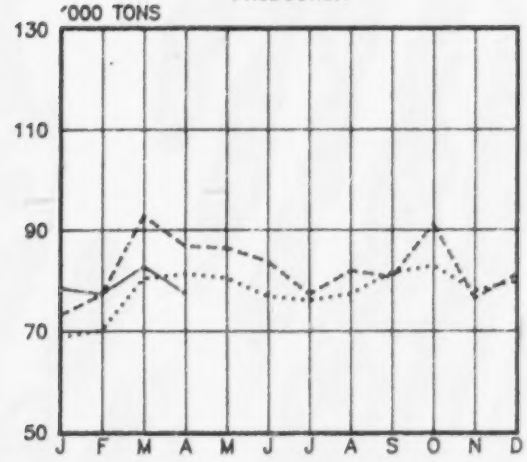
FIBROUS RAW MATERIALS
(Thousands of tons)

CONSUMPTION AT PAPER & PAPERBOARD MILLS					R	P		
Total	66130	70530	5827	5820	5444	6117	69525	-1.8
Total Wood Pulp	51434	54641	4314	4466	4266	4755	53944	-1.6
Waste Paper	14696	15889	1513	1355	1179	1362	15581	-2.8
INVENTORIES								
Own Use Wood Pulp at Pulp Mills	170	174	174	165	172	189	189	21.4
Market Pulp at Pulp Mills	384	585	585	666	695	685	685	111.8
Mkt Pulp at Ppr. & Bd. Mills *	550	484	484	471	482	484	484	-24.9
Waste Paper at Paper &Bd. Mills	920	1025	1025	1036	1003	977	977	9.0
Days of Supply at Pulp Mills of Chemical Paper Grade Mkt Pulp	26	50	50	50	48	46	46	119.0

SOURCES: Wood Pulp Data, Pulp Division, Pulp, Materials and Technology Group, API. Waste Paper Data, Paper Recycling Committee, API.
* - Census data prior to 1982; P - Preliminary; R - Revised; (0) - Indicates zero to five-hundred short tons

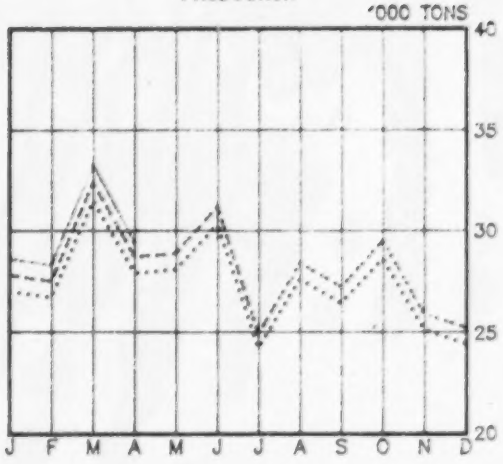
BLEACHED BRISTOLS

PRODUCTION



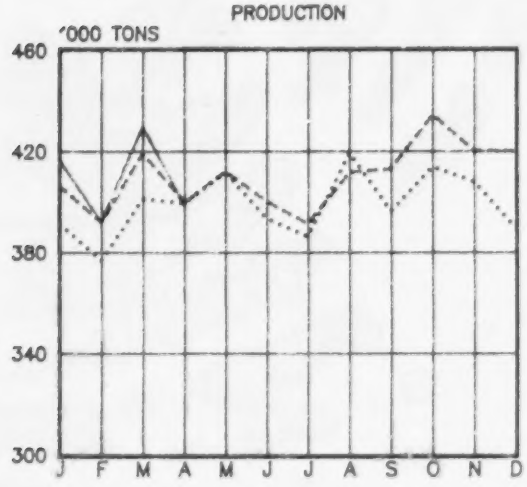
THIN PAPER

PRODUCTION



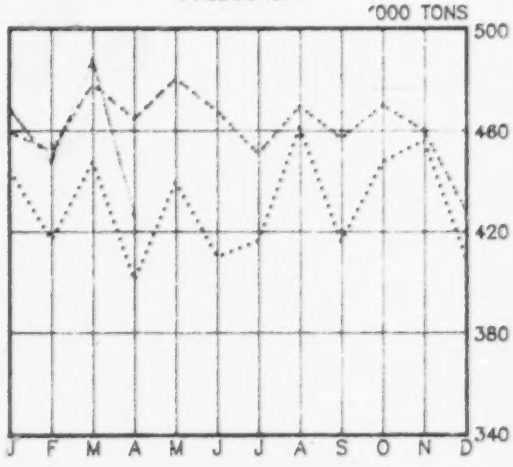
TISSUE PAPER

PRODUCTION



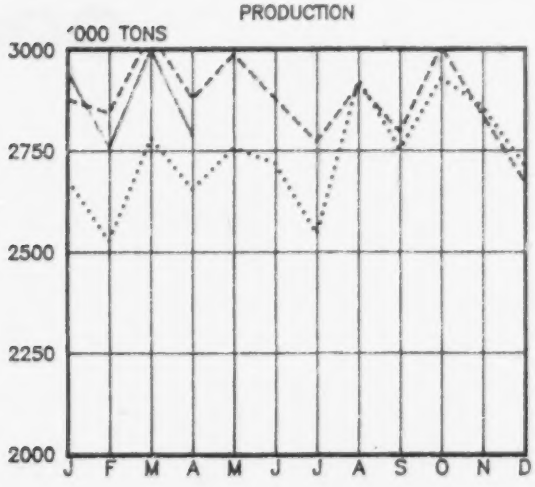
NEWSPRINT

PRODUCTION



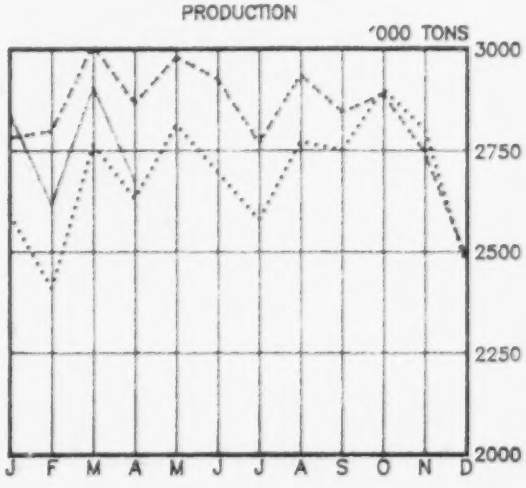
TOTAL PAPER

PRODUCTION



TOTAL PAPERBOARD

PRODUCTION



1983 ····· 1984 - - - - - 1985 ——

F I B R O U S R A W M A T E R I A L S

(Thousands of Standard (128 cubic foot) Cords)

		YEAR 1983	YEAR 1984	DEC. 1984	JAN. 1985	FEB. 1985	MAR. 1985	Annual Rate Y-T-D 1985	% Change from same Period Last Year
PULPWOOD									
Total U.S.	- Total Receipts	84475	88876	7481	7481	7068	7483	88128	-1.4
	- Total Consumpt	85442	87646	6875	7413	6981	7651	88180	-0.4
	- Residues *	32755	32072	2427	2425	2407	2654	29944	-9.2
	- Inventories	5229	5574	5574	5552	5453	5256	5256	1.9
So. Atlantic	- Total Receipts	25736	27654	2281	2354	2312	2396	28248	8.0
	- Total Consumpt	25847	27344	2182	2325	2270	2507	28408	6.6
	- Residues *	7904	8198	638	628	710	692	8120	0.3
	- Inventories	1163	1444	1444	1478	1450	1312	1312	29.0
Northeast	- Total Receipts	7051	7665	727	727	671	657	8220	0.4
	- Total Consumpt	7274	7474	613	682	628	680	7960	-0.2
	- Residues *	1199	1501	147	123	121	144	1552	16.5
	- Inventories	577	590	590	606	664	640	640	4.7
South Central	- Total Receipts	29409	30693	2492	2503	2353	2741	30388	2.5
	- Total Consumpt	29152	30502	2444	2571	2439	2699	30836	2.7
	- Residues *	9218	9059	705	747	749	804	9200	3.5
	- Inventories	1536	1304	1304	1186	1022	1063	1063	-21.3
North Central	- Total Receipts	6265	6872	513	697	596	487	7120	-8.5
	- Total Consumpt	6343	6563	467	559	500	543	6408	-7.2
	- Residues *	1822	1472	91	126	102	120	1392	-7.9
	- Inventories	851	906	906	1016	1064	1019	1019	-1.1
West	- Total Receipts	16014	15992	1200	1200	1136	1202	14152	-18.6
	- Total Consumpt	16826	15763	1169	1276	1144	1222	14568	-14.3
	- Residues *	12612	11842	846	801	725	894	9680	-26.4
	- Inventories	1102	1330	1330	1266	1253	1222	1222	6.4

* - Consumption of Residues in Cord Equivalents. SOURCE: American Pulpwood Association 24-May-85

U N I T E D S T A T E S T R A D E W I T H C A N A D A

IMPORTS FROM CANADA

	YEAR 1984 Tons	YEAR 1984 $000's	FEB. 1985 Tons	FEB. 1985 $000's	MAR. 1985 Tons	MAR. 1985 $000's	Annual Rate Y-T-D 1985	% Change from same Period Last Year
Pulpwood, Roundwood (in cords of 128 cubic feet)	207520	10591	4352	198	96	10	60864	-63.8
Pulpwood chips	2061270	45353	89677	2547	61664	1802	1026552	-66.1
Wood Pulp, Total	4059913	1678908	362944	136010	402526	143896	4240596	3.6
Waste Fibrous Materials, Total	151957	25187	11394	2016	16382	3101	158812	1.7
Paper, Board & Products, Total	9401285	4048656	775727	343876	903056	385242	9695254	8.2
Paper, Paperboard,Wet Machine Bd. & Constr. Paper & Bd.	9330954	3927255	770298	334830	895503	372650	9621548	8.2
Paper, Paperboard & Products	8948073	3946084	742886	336841	866251	376512	9342729	9.0
Paper & Paperboard, Only	8877742	3824684	737457	327795	858699	363920	9269024	8.9
Paper, Total	8662094	3762205	724302	324058	844857	360067	9119758	10.6
Newsprint	7681341	3224596	646049	281413	758736	316195	8153948	10.6
Printing, Writing & Rel. Pap.	852879	457438	65503	34671	69339	33289	800047	6.6
Pack. & Ind. Conv. Paper	101131	59408	7713	4553	11382	6719	111444	4.0
Special Industrial Paper	3232	5437	165	240	503	729	3492	-0.3
Tissue Paper	23512	15326	4872	3182	4897	3135	50826	283.7
Paperboard, Total	215648	62479	13156	3737	13841	3853	149266	-42.8
Convtd Paper&Paperbd Products	70331	121401	5429	9046	7553	12592	73705	13.0
Wet Machine Board	2098	1426	66	44	262	173	1682	-42.5
Construction Paper & Board	451113	101146	32775	6991	36543	8557	350843	-8.3

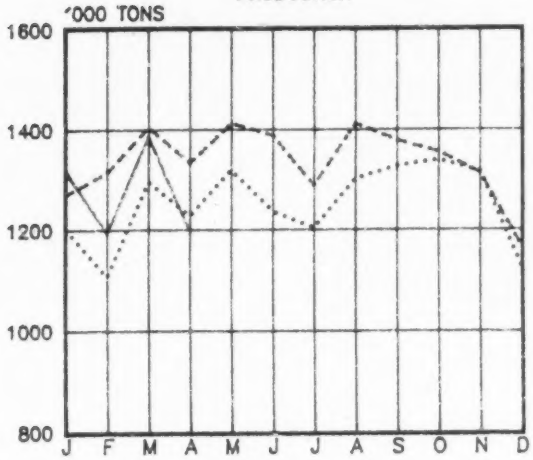
EXPORTS TO CANADA

Pulpwood, Roundwood (in cords of 128 cubic feet)	95117	5698	1330	71	392	22	17080	-57.6
Pulpwood chips	28445	1544	3840	304	3213	240	42756	115.5
Wood Pulp, Total	180850	82653	23496	9550	21741	8636	237168	43.3
Cotton Pulp & Other Pulp	10474	6605	875	515	559	388	15616	31.9
Waste Paper	325712	37937	18381	2329	20506	2448	243144	-22.7
Paper, Board & Products, Total	756499	524570	61540	42324	62562	43986	724909	-5.6
Paper, Paperboard,Wet Machine Bd. & Constr. Paper & Bd.	569696	358082	45983	30719	47999	30678	559212	3.8
Paper, Paperboard & Products	726888	511454	59473	41426	60147	43042	699122	-5.7
Paper & Paperboard, Only	540085	344966	43916	29821	45583	29735	533424	4.1
Paper, Total	296741	245610	24947	21738	29850	22051	311404	1.3
Newsprint	4493	3678	198	203	234	197	3133	-51.2
Printing, Writing & Rel. Pap.	137839	125802	13266	12373	13186	11852	154619	8.0
Pack. & Ind. Conv. Paper	46661	26918	4556	2236	3837	2306	53966	15.8
Special Industrial Paper	104039	85328	6759	6691	12291	7225	96940	-10.1
Tissue Paper	3758	3883	169	235	302	471	2748	-16.3
Paperboard, Total	243294	99357	18969	8083	15733	7684	222020	8.3
Convtd Paper&Paperbd Products	186803	166488	15557	11604	14564	13307	165697	-27.7
Wet Machine Board	5312	3707	495	336	267	196	5036	8.7
Construction Paper & Board	24299	9409	1572	563	2148	747	20752	-5.2

SOURCE: Bureau of Census, Department of Commerce . E - Estimate of tonnage based on square foot data 24-May-85

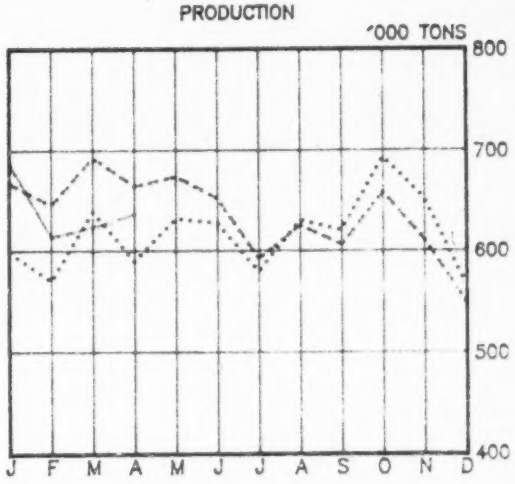
UNBLEACHED KRAFT LINERBOARD

PRODUCTION



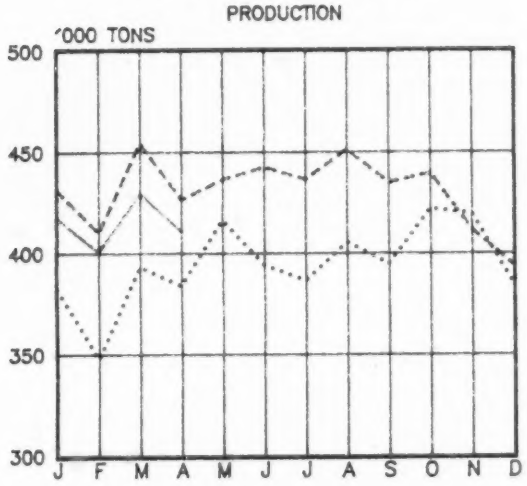
RECYCLED PAPERBOARD

PRODUCTION



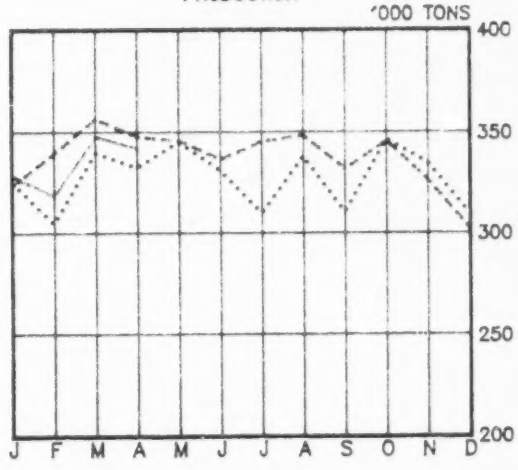
SEMICHEMICAL PAPERBOARD

PRODUCTION



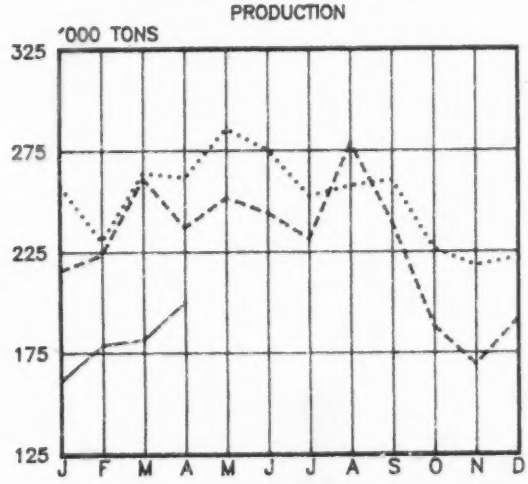
SOLID BLEACHED PAPERBOARD

PRODUCTION



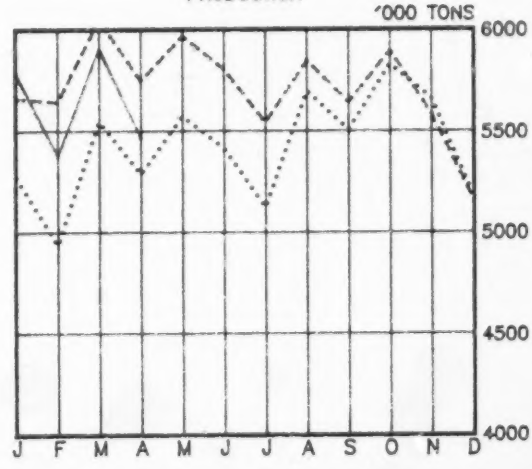
PAPERBOARD FOR EXPORT

PRODUCTION



TOTAL PAPER AND PAPERBOARD

PRODUCTION



1983 ····· 1984 - - - - -1985 ———

I M P O R T S

	YEAR 1984 Tons	$000	FEB 1985 Tons	$000	MAR 1985 Tons	$000	(1) Annual Rate Y-T-D 1985	% Change from same Period Last Year
Pulpwood Roundwood (cords)	207733	10615	4377	200	96	10	60964	-63.7
Pulpwood Chips	2062545	45396	89695	2550	62266	1815	1029100	-66.0
Total All Imports	15`3947!	7204351	1297281	591162	1564951	689269	16430525	9.8
Wood Pulp Total	4490081	1844768	380467	141143	459812	162577	4612048	5.0
Waste Paper	109712	11692	6953	795	8352	960	83584	-19.8
Other Fibrous Materials	64367	24097	5918	1976	9965	3098	96390	44.7
Paper Board & Products Total	11075312	5323794	903943	447248	1086823	522634	11638504	12.0
Paper Paperboard Wet Machine Bd. & Construction Paper & Board	10854312	4781475	885278	403080	1064118	472347	11395038	11.7
Paper Ppbd & Prds ex Cnst&WMB	10575656	5207697	866855	438529	1045550	512427	11232512	12.7
Paper & Paperboard Only	10354656	4665378	848190	394361	1022846	462140	10989066	12.4
Paper Total	10112041	4591486	831504	389500	1006543	457196	10803706	13.8
Newsprint	7893877	3299570	658698	286212	790582	327806	8469832	12.9
Printing & Writing	2042368	1168989	156310	91797	194572	114144	2117872	16.8
Uncoated Groundwood	1090049	548791	82496	41574	100342	51487	1118926	22.6
Coated Print.& Impreg. Pap.	428274	295844	48068	34594	63300	43804	660344	125.1
Uncoated Free Sheet	476950	284057	24101	13844	28212	16526	313934	-43.0
Uncoated Book	254926	156296	11731	6884	13512	8172	155365	-47.1
Writing and Similar Paper	222024	127761	12370	6960	14699	8353	158568	-38.2
Thin (except Cigarette)	46427	39513	1565	1676	2683	2289	23771	-57.6
Bristols	667	784	80	108	37	39	897	35.9
Total Pkg & Other Paper	145484	102565	11330	8105	16161	11883	161562	-0.5
Unbleached Kraft Paper	42854	19568	3191	1375	4771	2077	46528	-22.5
Other Pkg. & Indust. Paper	102629	82997	8138	6731	11390	9806	115034	12.3
Tissue	30312	20362	5167	3386	5227	3362	54440	258.1
Paperboard, Total	242615	73892	16686	4861	16303	4944	185360	-34.3
Test or Containerboard	70028	22218	4251	1501	5431	1806	52716	-35.2
Semi-Chemical Corrugating	103968	26098	5594	1236	5282	1175	58075	-55.2
Other Paperboard	68620	25576	6841	2124	5590	1963	74568	4.8
Convtd Paper&Paperbd Products	221000	542319	18664	44168	22705	50288	243446	26.3
Paper Products, Total	186199	474151	17254	41149	20076	45788	218314	30.8
Paperboard Products, Total	34800	68168	1411	3019	2629	4499	25132	-3.2
Wet machine Board	2826	2017	167	115	350	299	2999	-19.4
Construction Paper & Board	496830	114080	36921	8604	40923	9908	402993	-5.0
Notes								
Other: No Weight Avail. ($000)		195737		14704		18358	197682	6.3
Total Imports Incl. Other($000)		7400088		605866		707627	7679611	14.4

E X P O R T S

							(1)	
Pulpwood, Roundwood (cords)	95441	5714	1330	71	392	22	17080	-58.9
Pulpwood Chips	2325213	164058	173489	13544	200596	14699	2237812	-1.6
Total All Exports	11300450	4524778	775985	295097	1070261	392536	11155324	.0
Wood Pulp,Total	3593585	1501948	222598	84335	398572	153716	3687952	-3.0
Cotton Pulp and Other Pulp	84883	63545	6215	4505	6476	4289	92660	0.4
Waste and Old Paper	1235441	408128	254252	29753	303944	33942	3370504	13.6
Paper, Board & Products,Total	4386541	2551157	292940	176505	361269	200589	4004208	-6.8
Paper,Paperboard,Wet Machine Bd. & Construction Paper & Board	3818804	1789129	248159	124697	319287	142127	3477197	-3.1
Paper, Ppbd & Prod ex Cnst&WMB	4308873	2507184	286901	172943	355434	197415	3932438	-6.6
Paper & Paperboard, Only	3741136	1745156	242120	121135	313453	138952	3405426	-4.8
Paper, Total	810547	632490	72681	54337	74040	50889	855125	9.3
Newsprint	306198	133964	30285	11690	25489	10044	334882	19.7
Printing & Writing	203156	219922	19321	20069	17979	18240	219620	2.0
Uncoated Groundwood	30405	28875	3222	2726	3138	2750	39008	50.7
Clay Coated Paper	85714	71365	6505	5477	7736	6231	83858	-16.7
Uncoated Free Sheet	65410	87255	7921	9561	5452	7085	77817	13.1
Other Printing & Writing	21627	32427	1673	2305	1653	2175	18937	-4.9
Total Pkg. & Other Paper	284185	259323	21377	20276	25106	20937	269033	-1.2
Unbleached Kraft	106712	44382	6040	2998	5127	2404	74842	-27.5
Other Pkg. & Indust. Paper	177473	214941	15338	17278	19980	18533	194190	14.9
Tissue	17009	19281	1699	2302	5465	1668	31590	105.9
Paperboard, Total	2930588	1112666	169438	66798	239413	88063	2550302	-8.8
Solid Wood Pulp	2761732	1040239	143952	58828	225915	81636	2338039	-12.1
Total Linerboard	2058034	628531	100834	31870	165340	44861	1684377	-13.0
Bleached Kraft Linerboard	141367	57788	7726	3763	12807	3986	139093	-18.3
Unbleached Kraft Linerbd	1916667	570743	93108	28107	152532	40874	1545284	-12.4
Other Unbleached Kraft	110878	51270	3955	1913	7939	3680	75094	-29.2
Other Bleached Kraft	543209	348218	36978	24381	45971	31466	521768	-10.8
Semi-Chemical Corrugating	49612	12220	2185	664	6665	1630	56800	63.1
Recycled Paperboard	168856	72427	25486	7971	13498	6427	212262	57.7
Convtd Paper&Paperbd Products	567737	762028	44781	51808	41981	58462	527011	-16.5
Paper Products, Total	286403	516149	22191	33801	21456	39189	254633	-23.7
Paperboard Products, Total	281334	245879	22591	18007	20526	19273	272378	-8.4
Wet Machine Board	13782	7335	1180	621	669	325	11444	-3.5
Construction Paper & Board E	63887	36638	4859	2940	5165	2850	60326	-18.3
Notes								
Other: No Weight Avail. ($000)		8843		453		531	6544	-8.4
Total Exports Incl. Other($000)		4533621		295550		393066	4245444	-3.5

SOURCE: Bureau of Census, U.S. Department of Commerce. E - Incl. estim. of tonnage based on square foot data.
(1) Annual Rate Year-To-Date is in tons unless otherwise specified in item description.

PRODUCER PRICE INDEXES
1967 = 100

	1983	1984	JAN.	FEB.	MAR.	APR.	Annual Rate Y-T-D 1985	% Change from same Period Last Year
Pulp, Paper and Products except Building Grades	271.4	292.9	297.8	297.4	295.4	294.3	296.2	3.6
Pulp Paper & Products, ex. Building Grades & ex Waste Paper *	273.3	293.8	299.6	299.2	297.5	296.7	298.2	4.3
Total Wood Pulp	347.1	395.0	383.5	368.4	353.9	347.9	363.4	-3.5
Total Paper	282.3	303.2	307.0	304.7	303.7	303.6	304.8	2.4
Total Paper, exc. Newsprint	277.0	301.2	303.0	299.7	298.4	297.9	299.8	3.7
Newsprint	303.0	324.1	336.9	332.4	332.4	332.6	333.6	6.8
Total Paperboard	250.8	280.6	288.9	287.8	285.7	284.0	286.6	6.1
Total Paper and Paperboard *	272.4	296.1	301.3	299.4	298.1	297.5	299.1	3.5
Converted Products	265.4	280.7	289.0	291.0	290.4	290.0	290.1	5.8
Waste Paper	158.6	240.1	190.8	192.6	170.2	154.4	177.0	-26.3
All Commodities	303.1	310.4	309.8	309.2	308.7	309.3	309.3	-0.2
Industrial Commodities	315.7	322.6	323.2	322.5	322.6	323.8	323.0	0.6

SOURCE: Producer Price Indexes: Bureau of Labor Statistics, U.S. Department of Labor * Computed by API 13-May-85

continued from page 2

linerboard -- which was above its year-ago level in the first four months of 1985 -- kraft linerboard and both recycled and semi-chemical corrugating medium), was 1.6% below its year-ago total in the January-April 1985 period. Production for exports was down 28% (see page 3).

Total folding boxboard production in April 1985 and in the entire January-April 1985 period was within one percent of its year-ago levels. However, exports of folding boxboard -- largely solid bleached sulfate board -- were down sharply.

Technical note: The 1985 paperboard production data were also revised on the basis of an annual review. The 1984 total is now shown at 34,039,000 tons, 5.8% above that of 1983. The major change was in recycled board, which was revised downward by 2.8%. The new total for paper plus paperboard production is 68,545,000 tons, up 5.4% from its 1983 level.

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WOOD PULP AND OTHER FIBROUS RAW MATERIALS

Total production of chemical paper grade market wood pulp declined sharply from March to April 1985. As in paperboard, pulp mills had built up what turned out to be an excessive volume of inventories in the first quarter of 1985, and many shut down to bring their inventories to a level more in line with current rates of shipments. Total production in April 1985 was 399,000 short tons, compared to 492,000 short tons in March. As a result, inventories of these grades of market pulp at pulp mills declined from 622,000 tons at the end of March to 547,000 tons at the end of April. Despite the April 1985 decline in production, the four months 1985 total was almost exactly equal to its year-ago level, while April 1985 inventories were still 77% above those of April 1984. Production of these grades of market wood pulp in most of the other producing countries was also reduced in April, and total inventories fell by 10% from the end of March to the end of April, but still nearly 60% above their year-ago level.

Even with the curtailment in production, shipments of chemical paper grade market pulp in April from the United States to all markets were 6% above their year-ago level, although the four-month total was off by 3%. In that four-month period shipments to both the U.S. market and to Western Europe fell by 9% from their respective year-ago totals; shipments to Japan by 6%; while shipments to other countries increased 23%. The increase in shipments to these other countries was large enough to bring total shipments of chemical paper grade market pulp from the U.S. above its year-ago total.

The table on page 5 shows that <u>total</u> wood pulp production in the United States in the first quarter of 1985 was 0.6% below its year-ago level, while total consumption of wood pulp at paper and paperboard mills was down by 1.6%. Waste paper consumption in that period was also down, by 2.8%. Wood pulp accounted for 77.6% of the total of wood pulp and waste paper consumption in the 1985 first quarter, compared to 77.5% for all of 1984 and 77.8% for all of 1983.

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IMPORTS AND EXPORTS

Total imports of paper, paperboard moved up sharply from February to March 1985, reversing the trend evident in the earlier months of the year. The March total -- including the construction grades -- amounted to 1,087,000 tons, worth $523 million. The January-February totals averaged 911,000 tons per month, worth $411 million per month. Wood pulp imports also increased, rising from 313,000 tons in January to 380,000 tons in February and 460,000 tons in March. The total of all imports of paper and allied products -- including waste paper -- in the first quarter of 1985 was at the rate of 16.4 million tons per year -- up 9.8% from the first quarter of 1984.

Among the paper grades the major gains were in newsprint -- up 13%; uncoated groundwood, up 23%; and coated papers, up 125% (see page 9).

The total of all exports of these products, including waste paper, just matched its year ago level in the first quarter of 1985. However, the gain was concentrated in waste paper, which registered a 14% increase. Total wood pulp exports in the first quarter of 1985, as reported by the Department of Commerce, were down 5%, while exports of paper, paperboard and products, including the construction grades, were down 7%. There was a sharp increase in exports from February to March (see table on page 9), bringing the March level to its high for the year.

In dollar terms, total imports in the first quarter of 1985 were at the rate of $7.7 billion per year, 14% above their year-ago level. Exports, at $4.2 billion per year, were down 3.5%.

INDUSTRY FACT SHEET

AMERICAN PAPER INSTITUTE, INC.
260 Madison Avenue
New York, New York 10016

May 31, 1985

PRODUCTION (000 TONS)

	Apr. 85	Mar. 85	Apr. 84	Jan. - Apr. 85	Jan. - Apr. 84	% Change 85/84
PAPER GRADES	P	R				
Newsprint	427	489	465	1831	1855	-1.3
Printing & Writing	1557	1628	1533	6270	6221	0.8
Uncoated Groundwood (s)	124	129	133	497	536	-7.2
Coated Paper (s)	502	540	512	2104	2069	1.7
Uncoated Free Sheet Paper (s)	813	830	759	3188	3119	2.2
Thin Paper (s)	29	33	29	120	116	2.7
Cotton Fiber Paper (s)	11	13	13	46	50	-7.5
Bleached Bristols (s)	77	83	87	316	330	-4.3
Tissue Paper	399	430	400	1637	1617	1.2
Total Pkg & Other Paper	406	455	483	1751	1950	-10.2
Unbleached Kraft Packaging & Indl. Converting (s)	258	296	319	1149	1278	-10.1
Other Paper *	148	160	163	602	672	-10.5
TOTAL PAPER	2788	3001	2880	11489	11643	-1.3
PAPERBOARD GRADES						
Unbleached Kraft Paperboard	1284	1501	1429	5474	5701	-4.0
Unbleached Kraft Linerboard	1194	1386	1334	5090	5324	-4.4
Other Unbl. Kraft Paperboard	90	114	95	384	377	1.8
Semichemical Paperboard	411	429	426	1658	1722	-3.7
Bleached Paperboard	342	348	348	1336	1367	-2.3
Recycled Paperboard	637	623	664	2559	2669	-4.1
TOTAL PAPERBOARD	2674	2908	2867	11034	11459	-3.7
TOTAL PAPER AND PAPERBOARD	5462	5909	5747	22523	23102	-2.5

WOOD PULP (ALL GRADES)	Mar. 85	Feb. 85	Mar. 84	Jan. - Mar. 85	Jan. - Feb. 84	% Change 85/84
Dissolving & Special Alpha	118	118	106	322	309	4.2
Bleached Sulfite	123	102	125	346	338	2.5
Unbleached Sulfite	26	18	23	63	72	-12.7
Bleached & Semi-Bl. Sulfate	1996	1820	1947	5739	5550	3.4
Unbleached Sulfate	1723	1563	1820	4939	5190	-4.8
Semichemical	349	325	362	1015	1035	-2.0
Groundwood & Thermomechanical	484	432	466	1367	1382	-1.1
TOTAL PULP DIVISION DATA	4819	4376	4847	13790	13876	-0.6

(s) - Shipments
P - Preliminary
R - Revised

May 31, 1985

	Full Year		INDUSTRY DATA 1984-1985			Ann. Rate Year - To - Date	% From Same Pd. Last Year
			R	R	P		
PAPER AND PAPERBOARD -- Tons (000)	1983	1984	February	March	April	1985	
Total Production (API)....: excluding :...	65017	68545	5373	5910	5462	67570	-2.5
Total Seasonally Adjusted....:construction:...			5642	5506	5336	66904	-1.7
Imports (including Products).: and wet :..E	8509	10576	867	1046	N.A.	11246	14.1
Exports (including Products).: machine :..E	4501	4309	287	355	N.A.	4000	-4.7
Apparent Consumption.....: grades :...	69025a	74812b	6222	6196	5926	74149c	0.5
Paper Production & Tonnage Capacity.....	92.0g	93.4g	94.9	93.4	89.5	92.9gh	-
Paperboard Production & Tonnage Capacity.....	90.8g	95.7g	92.5	93.2	88.1	91.3g	-
			January	February	March		
IMPORTS.....:Including Construction and :...	8985	11075	919	904	1087	1 38	12.0
EXPORTS.....: WMB Grades (excl. HPB) :...	4568	4387	347	293	361	[illegible]	-6.8
MARKET WOOD PULP PRODUCTION - Tons (000).....	6478	6891	579	588	610	7108	5.0
TOTAL WOOD PULP PRODUCTION - Tons (000)..(f)....	52537	55549	4595	4376	4819	55160	-0.6
WOOD PULP IMPORTS - TONS (000).....	4093	4490	313	380	460	4612	5.0
WOOD PULP EXPORTS - TONS (000).....	3644	3594	301	223	399	3692	-2.9
RAW MATERIALS CONSUMPTION - Tons (000)							
..PAPER AND BOARD MILLS : excluding :			January	February	March		
Wood Pulp.....:consumption for:.....	51434	54641	4466	4266	4755	53947	-1.5
Waste Paper.....:construction & :.....	14696	15889	1355	1179	1362	15583	-2.8
TOTAL.....: WMB grades :.....	66130	70530	5820	5445	6117	69530	-1.8
PULPWOOD CONSUMPTION Cords(000)Amer.Pulpwd. Assn	83608	87646	7413	6981	7651	88180	-0.4
EMPLOYMENT (000)			February	March	April		
Paper and Allied Products.....Total.....	661.6	682.3	678.1	679.4	678.8	679.0	0.6
Pulp, Paper and Board Mills.....Total.....E	258.2	263.9	262.7	262.9	263.0	263.1	0.5
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS ($)							
Paper and Allied Products.....	9.94	10.44	10.68	10.67	10.76	10.70	4.4
Pulp, Paper Mills.....E	11.70	12.45	12.80	12.80	12.84	12.82	5.6
Paperboard Mills.....E	12.11	12.99	13.30	13.34	13.35	13.28	4.9
CAPITAL EXPENDITURES, PAPER & ALLIED PRODUCTS			1984 Q3	1984 Q4	1985 Q1		
(Rept. by US Dept. of Com., Ann. Rates, Bill.$)*	5.92	7.15	7.33	7.99	7.58	7.83y	9.5
INDEX OF OUTPUT PER MAN-HOUR (1977=100).....			February	March	April		
:IN PULP, PAPER :...Production Workers.....	118.0	120.0	120.9	119.3	120.1	121.0	2.1
:AND BOARD MILLS:...All Employees.....	116.9	118.8	119.0	117.6	118.4	119.2	0.9
PAPER AND ALLIED PRODUCTS (Million $)			January	February	March		
Industry Shipments (Dept. of Commerce)*.....	85662	95990	8110	8140	8067	97268	4.3
Pulp, Paper and Paperboard*.....	36346	41539	3491	3530	3512	42132	4.1
Inventories (End of Period) - Total Industry*..	8729	9701	9908	9883	9943	9943	10.0
Pulp, Paper and Paperboard*.....	3263	3662	3791	3773	3815	3815	14.7
			1984 Q2	1984 Q3	1984 Q4		
Sales (Corporations Only).....	65008	71891	18694	18096	17642	-	-
Earnings (Corporations Only).....	2327	3015	942	951	493	-	-
Depreciation (Corporations Only).....	2607	2798	699	706	700	-	-
Net Worth (Corporations Only).....	27219	28160	28130	28806	28160	-	-
PRICE INDEXES (Bureau of Labor Stats)1967=100			February	March	April		
Pulp, Paper & Products, ex. Building Grades....	271.4	292.9	297.4	295.4	294.3	296.2	3.6
Wood Pulp.....	347.1	395.0	368.4	353.9	347.9	363.4	-3.5
Waste Paper.....	N.A.	240.1	192.6	170.2	154.4	177.0	-24.9
Paper.....	282.3	303.2	304.7	303.7	303.6	304.8	2.4
Paperboard.....	250.8	280.6	287.8	285.7	284.0	286.6	6.1
PAPER DEMAND (INDEXED: 1967=100)			February	March	April		
Total Paper Production *.....	157.2	164.7	165.0	160.0	158.9	163.4	-0.5
Paper New Supply *.....	147.2	160.3	160.0	164.0	158.2	161.9	3.0
Total End - Use Index *.....	157.8	172.5	175.3	175.4	175.6	175.6	4.0
Production of Nondurable Goods *...(19%)...	168.0	179.4	178.9	178.9	178.8	179.1	1.0
Disposable Income (Constant $) *...(23%)...	163.4	174.6	176.3	175.0	174.4	175.9	2.4
Total Printing and Publishing *...(58%)...	152.3	169.4	173.7	174.4	175.1	174.4	5.8
Trend Factor	----------	----------	----------	Not Available	----------	----------	----------
PAPERBOARD DEMAND (INDEXED: 1967=100)							
Total Paperboard Production *.....	141.4	149.1	145.3	142.8	134.9	143.4	-3.0
Production for Domestic Use	138.5	145.4	135.8	151.9	137.8	143.7	-2.0
Total End - Use Index *.....	148.9	161.6	162.5	163.0	162.4	162.5	1.8
Production of Consumer Goods *...(60.49%)	151.8	161.6	162.0	162.5	161.9	162.1	1.2
Production of Equipment *...(6.62%)	140.8	164.0	172.5	173.1	173.1	172.9	10.5
Production of Materials *...(32.89%)	145.2	161.1	161.3	161.8	161.1	161.2	1.1
Trend Factor	----------	----------	----------	Not Available	----------	----------	----------
NEWSPRINT MARKETS			January	February	March		
Consumption by Publishers - Tons (000).....	11671	12611	962	954	1107	12092	2.6
Newspaper Pub. and Printing Empl. Total(000)...	421.6	443.0	450.3	451.3	451.8	451.1	3.3
PRINTING AND FINE PAPER MARKETS							
MAGAZINE ADVERTISING PAGES (LNA, Inc.).....	10135	11761	9261	11852	13418	138121	3.3
WHOLESALERS SALES AND INVENTORIES (Million $)(j)							
Total Paper & Pap. Prdcts..ex Wallpaper..Sales	22776	26532	2805	2639	2816	33040	10.5
Inventories (End of Period).	1885	2141	2782	2886	2840	2840	17.8
FIBRE BOX DATA (Fibre Box Association)			February	March	April		
Fibre Box Shipments (Million square feet).....	252539	248538	20209	21730	22582	262272	-2.3
Container'bd Inventory at Mill & Plant(000Tons).	2437	2882	2955	3023	2985	2985	18.8
RETAIL TRADE (Million $)							
Total Retail Sales *.....	1171915	1291835	112096	111266	112225	1339677	5.4
Nondurable Goods Stores Sales *.....	793398	841417	71023	70690	71403	850398	2.4
GENERAL ECONOMIC DATA							
TOTAL INDUSTRIAL PRODUCTION (INDEX 1967 = 100)*..	147.6	163.3	165.3	165.8	165.4	165.4	3.1
PRODUCER PRICES(ALL COMMODITIES)(INDX 1967=100)..	303.1	310.4	309.2	308.7	309.3	309.3	-0.2
CONSUMER PRICES (ALL ITEMS) (INDEX 1967 = 100)...	298.4	311.1	317.4	318.8	320.1	318.1	3.6
			January	February	March		
TOTAL CONSUMER CREDIT OUTSTANDING - (Billion $)..	387.9	461.0	461.5	464.9	471.6	471.6	15.7
GROSS NATIONAL PRODUCT - ANNUAL RATE (Billion$)..			1984 Q3	1984 Q4	1985 Q1		
G.N.P. or Expenditure - Current $.....	3304.8	3664.2	3694.6	3764.2	3819.9	3819.9	7.5
G.N.P. or Expenditure - 1972 $.....	1534.7	1639.9	1645.2	1664.8	1668.0	1668.0	3.5

lb/capita

Pap&Papbd Other Total Popul(mil)

.a - 589 + 18 = 607 234.2

.b - 631 + 18 = 649 234.9

.c - 638 + 18 = 656 234.9

.Z - Last month estimated by API

.e - estimated by API

g - Adjusted for holiday shutdowns

h - Adjusted to conform with API Division data

j - Census unpublished data; standard dev. = 6-8%

N.A. - Not Available

P - Preliminary

Q - Quarter

R - Revised

RS - Revised Series

y - Full year estim. by U.S. Dept. of Com.

* - Seasonally Adjusted